

Claims

1. Optical apparatus (binoculars, camera and the like) for the optical detection of objects (geographical locations, persons, vehicles, and the like), whose identifying data are stored in satellite-aided transmission systems,
 - with an apparatus for optical fine focusing of such an object viewed along a target line,
 - with an apparatus to detect the distance to the object,
 - with a measuring device to detect the angle of incline from global data lines to the target line,
 - with a receiver to receive satellite signals,
 - with a computer to process data, including distance, angle of incline, satellite signals, and the data of the satellite-aided transmission system, and
 - with a display for the specific display of data relating to the object, characterized by the features that
 - the computer processes also the distance value, which varies with fine focusing, and
 - the identification data for the object in question will appear on the display as an intentional output of the program.
2. Apparatus according to Claim 1 characterized by having the computer work exclusively with electronic inputs
3. Apparatus according to Claim 1 or 2, characterized by using a navigation satellite system to determine the position.
4. Apparatus according to one of the preceding claims, characterized by having the measurement unit cooperate with a compass to detect the azimuth angle between the target line and the North-South direction.
5. Apparatus according to one of the preceding claims, characterized by having the measurement unit cooperate with a height-measuring device to detect the elevation angle between the target line and the horizontal and/or the vertical.
6. Apparatus according to one of the preceding claims, characterized by having a display that consists of an LCD (liquid crystal display) with transparent electrodes on the display surface.
7. Apparatus according to one of the preceding claims, characterized by using a printer as the display to print out the data.
8. Apparatus according to one of the preceding claims, characterized by using a sound-producing apparatus and a loudspeaker to process the data into audible signals.

Add A1

Add B1

Add B2

[separate page]